

JNNCE Green Policy

A. Purpose

This document describes **Jawaharlal Nehru National College of Engineering College**, (JNNCE) policies and procedures for conducting their operations and activities in an environmentally responsible and sustainable manner.

B. Background

In 2019, the *National Education Society*® (NES) umbrella institution of JNNCE, officially declares a commitment to the protection of environment, responsible and efficient use of natural resources under its permissible limits. As the leading educational institution in the malnad region, to be a model institution for practices in efficient use of natural resources, to embrace pollution prevention while continually seeking the reduced resources consumption, the institution is committing itself for sustainable development by initiating *green policy*.

The *JNNCE* environmental policy establishes the following important commitments:

- Compliance to government environmental laws and regulations.
- Prevention of pollution by minimizing the generation of wastes where possible, reducing consumption, recycling materials, and disposing of wastes in an environmentally responsible manner.
- Reduce the environmental impact of students commuting to and from institution and home by using the college transportation facility.
- To go for institution *green audit* in compliance with govt. rules and regulations.

All JNNCE staff and students are responsible for being aware of the environmental and health impacts of their jobs and for continually striving to minimize these impacts as set forth in this policy.

C. Policy

JNNCE is committed to green initiatives by conducting its operations and activities in an environmentally responsible and sustainable manner. We are committed to complying with all applicable laws and regulations. We recognize that reducing and, where possible, eliminating the environmental impacts of our activities is an important part of our mission as institution of technical education. We strive to be a leader among all the Institutes in achieving environmental excellence and will work with our employees and other internal and external entities to establish and follow principles, in conjunction with the Environmental Policy of the NES that will guide JNNCEs environmental practices.

The JNNCE guiding principles and practices to achieve resource conservation, waste reduction, and sustainability overall are summarized below:

- Comply with mandatory requirements and conduct our activities and operate our facilities within applicable environmental laws and regulations
- Conserve energy and other natural resources

- Encourage employees to use mass transit
- Reduce, reuse, and recycle to reduce waste
- Adopt green procurement practices
- Ensure all employees complete the environmental awareness training
- Continue to review and minimize the environmental impacts of our activities

D. Responsibilities

a) Energy Conservation

Staff and students shall:

1. Turn off lights when not in use and use natural light whenever possible.
2. Turn off, not just log off, all computers, terminals, speakers and other office equipment at the end of every work day.
3. Activate the power down features on your computer and monitor to enter into a low-power or sleep mode when not in use.
4. Unplug equipment that drains energy even when not in use (e.g., cell phone chargers, fans, desktop printers).
5. Use compact LED bulbs wherever possible.

b) Reduction of Materials Consumption

Staff and students shall:

1. Avoid using paper by distributing and storing documents electronically.
2. Print and photocopy only what you need and double side your jobs when possible.
3. Tell staff and colleagues that you prefer double-sided documents.
4. Use the back side of old documents for faxes, scrap paper, or drafts.

c) Reduce Fossil Fuel Consumption and Air Pollution

Staff and students shall:

1. Use college transportation or other alternative forms of mass transportation, wherever possible.
2. Use carpools or vanpools, when possible, over single use cars.
3. Commute by bicycle at least for a day in a month.

d) Minimize Waste and Increase Recycling

Staff and students shall:

1. Use durable reusable beverage containers, plates, and utensils.
2. Reduce the amount of toner in documents that will be printed when possible.
3. Print documents in black and white or grayscale wherever possible.

4. Dispose waste paper, paper products, plastic, binders, folders, catalogs, boxes, bottles, cans, batteries, electronics, toner and ink cartridges in specified places only.
 5. Donate used furniture and electronics through the proper disposal system.
- e) Minimize Toxics and Hazardous Waste(Laboratories)

Staff and students shall:

1. Not pour toxic or hazardous substances down the drain.
2. Reduce the use of toxic chemicals and use less toxic alternatives wherever possible.
3. Not use or purchase mercury or mercury-containing equipment, unless approval has been obtained.
4. Design experiments, whenever possible, to use less toxic or hazardous substances.
5. Purchase chemicals in the smallest quantities needed to avoid over-ordering.
6. Dispose of hazardous chemicals appropriately and in accordance with the govt. Disposal Guide and other legal requirements.

- f) Commitment to Green Purchasing

Institution shall:

1. Purchase only Five Star rated electric equipment's.
2. Maintain green area of a minimum of 50% area.
3. Install solar power generation for the required quantity, minimum limited to 80% of total power requirements.
4. Purchase equipment's having less carbon footprint.
5. Use the energy efficient or five star rated electronics equipment's.
6. Purchase products that contain bio-based content wherever possible.
7. Purchase office supplies and furniture that contain the highest percentage of recycled and non-toxic content wherever possible.
8. Purchase of quality furniture with longer life span.
9. Go for *green audit* once in a year and control the CO2 emissions below the permissible limits.

In Association with



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